

OICE

RAW SEQUENCE LISTING

DATE: 06/12/2001

PATENT APPLICATION: US/09/864,711

TIME: 14:33:14

Input Set : A:\PB0008-1CIPSEQLIST.txt

Output Set: N:\CRF3\06122001\I864711.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Walker, Michael G.
 4 Volkmoth, Wayne
 5 Klingler, Tod M.
 7 <120> TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR PANCREATIC DISORDERS
 9 <130> FILE REFERENCE: PB-0008-1 CIP
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/864,711
 C--> 12 <141> CURRENT FILING DATE: 2001-05-23
 14 <160> NUMBER OF SEQ ID NOS: 13
 16 <170> SOFTWARE: PERL Program
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 1966
 20 <212> TYPE: DNA
 21 <213> ORGANISM: Homo sapiens
 W--> 23 <220> FEATURE: <222> OTHER INFORMATION: 223163CT1
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 28 ggaactgacaa tggcggaggg tgaaggcaat gcaagctgca cagtcagtct aggggggtgc 120
 29 aatatggcag agaccacaaa agccatgata ctgcaactca atcccagtga gaactgcacc 180
 30 tggacaatat aaagaccaga aaacaaaagg atcagaatta ttttttcta tgtccagctt 240
 31 gatacagatg gaagctgtga aagtgaaaa attaaagtct ttgaagggaac ctccagcaat 300
 32 gggcctctgc tagggcaagt ctgcagtaaa aacgactatg ttccgtgatt tgaatcaca 360
 33 tccagtacat tgaagtttca aatagttact gactcagcaa gaattcaaa aactgtcttt 420
 34 gtctctact actctctctc tctaacata tctattccaa actgtggggg ttacctggat 480
 35 accttggaag gatcttcaac cagccccaat taccacaagg cgcctctga gctggcttat 540
 36 tgtgtgtggc acatacaagt ggagaaagat tacaagataa aactaaactt caaagagatt 600
 37 ttctagaaa tagacaaaac gtgcaaatct gattttcttg ccctctatga tggccctctc 660
 38 accaactctg gctgatttgg acaagtctgt ggcctgtgta ctccacactt cgaatcgta 720
 39 tcaactctc tgaactgtgt gttgtctaca gattatgcca attcttaccg gggattttct 780
 40 gcttctaca cctcaattta tgcagaaaac atcaacta catctttaa ttgtctctct 840
 41 gacaggatga gatttattat aagcaaatcc taactagagg cttttaactc taatgggaat 900
 42 aacttgcaac taaaagacc aacttgcaqa ccaaatattt caaatgttgt ggaattttct 960
 43 gtctctctta atggatgtgg tacaatcaga aaggtagaag atcagtcant taattacac 1020
 44 aataaatca cctttctgc atctcaact tctgaagtga tcaacctga gaaacaactc 1080
 45 cagattattg tgaagtgtga aatgggacat aattctacag tggagataat atacataaca 1140
 46 gaagatgatg taatacaaaag tcaaatgca ctgggcaaat ataacaccag catggctctt 1200
 47 tttgaatcca attcatttga aaagactata ctggaatcac catattatgt ggaatttgaac 1260
 48 caaactcttt ttgttcaagt tagtctgcac acctcagatc caaatttggg ggtgtttctt 1320
 49 gatacctgta gagcctctcc cactctgcac ttgtcatctc caacctacga cctaatcaag 1380
 50 agtgaatgta gtogagatga aacttgtaag gtgtatccct tatttggaga ctatgggaga 1440
 51 ttccagtitta atgcctttaa attcttgaga agtatgagct ctgtgtatct gcaagtgtaaa 1500
 52 gtttggatat gtgatagcag tgaccaccag tctccttgca atcaagggtt tgtctccaga 1560
 53 agcaaacgag acatttcttc atataaatgg aaaacagatt ccatcatagg acccattcgt 1620
 54 ctgaaaaggg atcgaagtgc aagtggcaat tcaggatttc agcatgaaac acatgcggaa 1680
 55 gaaactccaa accagccttt caacagtgtg catctgtttt ccttcctagg tttagctctg 1740
 56 aatgtgtgta ctgtagcgac aatcacagtg aggcattttt taaatcaacg ggcagactac 1800
 57 aaataccaga agctgcagaa ctattaacta acaggtccaa ccttaagtga gacatgttct 1860

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58 tccaggatgc caaaggaaat gctacctgt ggctacacat attatgaata aatgaggaag 1920

59 ggcctgaaaag tgacacacag ggcctgcattgt caaaaaaaaa aaaaaa 1966

62 <210> SEQ ID NO: 2

63 <211> LENGTH: 924

64 <212> TYPE: DNA

65 <213> ORGANISM: Homo sapiens

W--> 67 <220> FEATURE: -

68 <223> OTHER INFORMATION: 884692CB1

70 <400> SEQUENCE: 2

71 aacacatctca ttttcatttt cacaaccagg taggtattat ttagttattg tagaaaggca 60

72 aagtcatttg ccccaatta tatagctaaa agaaagtctc tacttgatga gattcaaaacc 120

73 cagatttggt tggcatgaca gtgataattt tctagattga gataaccaca gcacgggaat 180

74 taagggccata gctggaacca gttctggaca cagttcttgg tccagagctg cccattgtag 240

75 gaggagctca gatagaatcc aggcattttaa attttgatat aataaaaagt catcatccct 300

76 acaattcttg tcaagaagtc aagtcggcag tgaagtaccg gcacatgacc tagccggggt 360

77 tctagatttg gggccatca ctgggagagg tgcacagtct cccgggtgtc tgaatggaac 420

78 ccttagaact gcagggttcc tggtgccctg gcctatggtc ctctgactg tctctctggc 480

79 ttgctgtgtc tgaagctcc gctgagcacc tggccttgaa gtttctgttc ttccctctgg 540

80 caatggctcc ctccagcact tctgcttccc actccaatcc acacaggctt ggtatttaaca 600

81 gattcaagtc caggttaggt taggaaaagg gaagagcttt cactctcttt aaaactctcg 660

82 gtttggcgca gtggctcatg cctgtaatcc cagcattttg gtaggctgag gcaggtggat 720

83 cacttgaggt cagcagttca aaatcagcct ggccaaaatg ctgaaaactct gtctctacta 780

84 aaaaacacaa aatttagcag gcattggtgg aggcgcctgt aatccacgct actcgggagg 840

85 ccaaggcagg agattgctc gaactcagg ggtggagggt gcagttagtt gagattgtgc 900

86 cattgcactc cagcctggca acat 924

89 <210> SEQ ID NO: 3

90 <211> LENGTH: 845

91 <212> TYPE: DNA

92 <213> ORGANISM: Homo sapiens

W--> 94 <220> FEATURE: -

95 <223> OTHER INFORMATION: 333246CB1

97 <400> SEQUENCE: 3

98 ttgcaatgag ccaatattgt gcaactacac tccagcctgg gcaacagagt gagaactccat 60

99 ctcaaaaaaaaa aaaaaaaaaa aaagaaaact aagattaatg tactacaatg acagaaataga 120

100 aagtgtcacc tacatgtaat ataggctcaga aggagagcaa cagaagaata cacacatgtg 180

101 caccacacac caccacataa tggacatgtg tgcacattgt gcatacacac acaaacacac 240

102 acacatgtgc gtgcaatata ccacaatata ccatcatcct ttctatttat gtgagagacta 300

103 gtccaatcga tttttctgtc acctaaagat ttacctacc caggagcctg cctccacac 360

104 atacattaat aacaccaacc agtaattgtc aaaggaaaaa ttacaaacc agaaaattaa 420

105 agtcattctg cacttgccct tggtttaaca ggcatttcac tcttgccacc tttctgtcc 480

106 tctcattaat aagcatctta ttgatacagt ttatactcca aattctccag gcttgtgaaa 540

107 gtttctcag gattgcttga aaatgaaagt cctggccagg tgcgcagtgg ctcatgctg 600

108 taatccacag actttgagag gccagggcgg gtggatcacc cgaggtcagg agttcaagac 660

109 caccgtagcc aacatggtga aacctgtct ctactaaaag taaaaaatt agccagggtg 720

110 ggtcgcagcc gctgtagtc ctactactc aggaggtcga ggcagagaaa ttgcttaaat 780

111 tccgaggcag aggttgcaat gactgagat cgcgcctctg cactccagcc tgccgacaga 840

112 atggg 845

115 <210> SEQ ID NO: 4

116 <211> LENGTH: 1739

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117 <212> TYPE: DNA

118 <213> ORGANISM: Homo sapiens

W--> 120 <220> FEATURE: -

121 <223> OTHER INFORMATION: 888309CB1

123 <400> SEQUENCE: 4

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125 ctgttaagcc agtgggtttg caaggatagg agggcagggt tggagcfaat tccagggtca 120
126 gcttctgggc cgtggcctca ggaatgggtt ctgacatggg caggcttgac ccttgaggga 180
127 tgaagacact gaagatgata attctgttaa tgtaggagct atgttttcat agccacaggg 240
128 tcttcattgt agggacatgg gcagactctt ggggacaagt cactactgtc tctgagcctg 300
129 aatttctctc tctgtaaaat gaggataagg taataataat acccaaccata cagggtattt 360
130 atganaacta aatcagagca gtccaattgg gcaggctcag gagggtgatg atttctctgc 420
131 ccaaggagta agcaagcaga gtgagatgtc ccattgggtg ggatgtcata gacaaacaag 480
132 cactaagccc tggacagggg atggatgagc ctcccactga gattatttcc ctccatcact 540
133 gaattctaac aagggccttt gatcttgctt ttggcacaag catgccttcc tctgagcaca 600
134 ctacagctcc ctatgggaag gagagtgttc taggcagcag gacaagaagg agcatgacac 660
135 atttggaaaa cggagccaca gtgtgaacac ggagatgctt agatgtgccc agcagaagca 720
136 cccctggaaa tgggggttag ggaacaacca acaaccttga tctccttgaa gactctttct 780
137 gctcattgag tggataaggg ccagagagat cagtgtggtt ttctggggtt tgggccctac 840
138 acagagtcag attttgggtt ttaaggaggg cctccctgta cctggatggg ctccaaggac 900
139 agtctcagct gactgagtga gcagggtggc tgcctcaagt ctccatcagt ggcagacaca 960
140 atgatgagtg tccagtgggc ccattgctt gcagacacat cctctctgtc tctgaatttc 1020
141 ccttccatct ccttctccca caccctgtc tcatttttagg ttcttgccc tctgaactct 1080
142 gaatttccac aattgacaca ttccctctat ccctctccca tgcctttgcc tctcctgttc 1140
143 ccttagcctg ggttgcttcc acttgcttta ctgacttgca aaactcctac ccaggtttca 1200
144 aatttccatc cactgtgaat ccttccctga ctccaccaag agactcagat agaacttctt 1260
145 ctctctctcc cctgcattct tacatacttc tgtctgtatc tttatcatat tgaagtataa 1320
146 taaactgttg atatgttggt gtttacacaa gaccaagaaa tctcatggg ccaagtccat 1380
147 ccttcttcta ctccatgttg aatgacacta gcatttgaga aggtggttgg taaagtggct 1440
148 atttctgtta atcccaacag tttagggagg ctaggcctgg agatcgttgg aggtcaggag 1500
149 ttttaaacca gcttgcccaa tatggcaaaa cccactcttt ataaaaatcc agaaatttagc 1560
150 caggtgtggt gctcattgac tgaatccca tgcctgtaat ccagccttg ggaggctgag 1620
151 gaaagaaat cacttgaatc caggaggcag aggttgacgt gaactgagat tggaccactg 1680
152 cacttcagcc tgggaacac tgaacaaaac tgcctgtctg gaaaaaaaaa aaaaaaaaaa 1740

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157 <218> TYPE: DNA

158 <219> ORGANISM: Homo sapiens

W--> 160 <220> FEATURE: -

161 <223> OTHER INFORMATION: 951335CB1

163 <400> SEQUENCE: 5

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164 ggcctgttaa tccagctac tggggaggcc aaggcaggag aattgctcga actcaggggg 60
165 tggaggttgc agtgagttga gattgtgcca ttgcactcca gctgggcca cagagcaaga 120
166 ctctgtctca ggaaaaaaaaa aaaaaaaaaa aagaaaagca acatagtggg gtttctgtca 180
167 atctgtctcc gctgcccctt ctcatctgtt gatgggacct tgaaagcaag ctctctaggt 240
168 ggcctctgtg gctccagcct ttaccggaag tgtggtgcat gtttttaact tcagggaagc 300
169 ggtatcctgt cactggggtg tgggatgagc atggagaaga ggcaccagcc acgattcctt 360
170 cctaagcacc tctgttctg actgctcatg aattgaagaa actgacaaaa aaaaaaatta 420
171 aaaaaaaaaa aaaaaaaa 438

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174 <210> SEQ ID NO: 6
175 <211> LENGTH: 483
176 <212> TYPE: DNA
177 <213> ORGANISM: Homo sapiens
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180 <223> OTHER INFORMATION: 2091133CT1
181 <400> SEQUENCE: 6
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184 ctgttagttt cttgaggaca aggaattcat ctttttcaaa cattattggt caaataaatg 120
185 agaatatagg ctgcctcctt totctttatc ctttgacctc ctctatcctc ctgctgttat 180
186 cttccagaag gagaagaac agcttcacag gaaaagttag ggagattttc ccattatggt 240
187 gaaagtgcac aatcagaatg tgaatatagg attctgggt ctgtaccagg catttactcc 300
188 tatgctgtta gctgatgtta aagaggggtg attcttttcc ccttaggtct caacctctgt 360
189 gcttcacagg gaagtgtgtt ggaagtttga atggtttgtt gttgtctgca ttgttttgta 420
190 ttaaggaggg ctgtaatgga acgaatacaa tggttattga tggagagtaa aaaaaaaaaa 480
191 aaa
193 <210> SEQ ID NO: 7
194 <211> LENGTH: 646
195 <212> TYPE: DNA
196 <213> ORGANISM: Homo sapiens
W--> 198 <220> FEATURE: -
199 <223> OTHER INFORMATION: 2383628CB1
201 <400> SEQUENCE: 7
202 tccccgctgc gcccgctgct gctggccctg gcccttgctt cctgtccttg cgcaccaggc 60
203 gcttcccccg cctccgccga cctcaagcac tcggacggga cgcgcacttg cgcacaagctc 120
204 tatgacaaag ggcaccccta ctatgagaa tcgtgcgggg ggcgcagact gtcgttgagg 180
205 tgggagcgag acctgcccta cctgccctcc aactgggcca acacgcctc ctcaattgtg 240
206 gtggccccgc gctgcgagct caccgtgttg tcccgccaag gcaaggcggg caagacgcac 300
207 aagttctctg ccggcaccta cccgcgcctg gaggagtacc gccggggcat cttaggagag 360
208 tggtaaaagg ctatctccgc gctctactgc aggtgcagct gatgcattgc tgggtctctc 420
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210 ggcacaaaga cccaggagga ggagcgttct gctgcctccc tcccacctcc cctgcaatac 540
211 agcctttgtg cagttgaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa ataaaaaaaa 600
212 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa cgaaaaaaaa aaaaaa
213 <210> SEQ ID NO: 8
214 <211> LENGTH: 1354
215 <212> TYPE: DNA
216 <213> ORGANISM: Homo sapiens
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221 <223> OTHER INFORMATION: 2774542CB1
223 <400> SEQUENCE: 8
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225 aattcaagggt tgggggtcgg gccctcttat atctggactt gcttccacc cgtgtcctct 120
226 gtcccttttt cctacggcca gatagccatg tgtgagcctg aatttgcaa tgacaaggcc 180
227 agggagccga gcgtgggtgg caggtggcga gtgtcctggt acgaacgggt ttgtcagcca 240
228 tctctgggtc aactgctggg ctctgctctc ttcattctca tcgggtgctt gtcggtcatt 300
229 gagaatggga cggacactgg gctgctgcag ccggccctgg cccacggggt ggcctttggg 360
230 ctgctgattg ccacgctggg gaatatcagt ggtggacact tcaacctgct ggtgtccctg 420
231 gcagccatgc tgatcggagg cctcaacctg gtgatgctcc tcccgtaact ggtctcacag 480

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232 ctgctggggg ggatgctggg ggtgcttg gccagggg tgagtctga ggagaggttc 540
233 tgggaatgat ctggggcggc ctttgtgaca gtccaggagc aggggcaggt ggcaaggcg 600
234 ttggtggcag agatcctcct gaagagct ctggcctgg ctgtatgat gggtccatc 660
235 aatgagaaga caaaggccc totggcccg tctccatcg gctttgctt caccgtggat 720
236 atcctggctg ggggcctgt gtctggagg tgcataatc ccgcccgtgc ttttgacct 780
237 ggggtggttg ccaaccact gaacttccac tggatctact ggtggggcc actcctggt 840
238 ggcctgcttg ttggaactgt cattaggtgc ttcattggag atgggaagac ccgctcctc 900
239 ctgaaggctc ggtgaagcag agctgtggg attcctgtg ctccaggtgt cctcagctca 960
240 cctgtcccag actgaggaca ggggagttcc tgcatttct gccaggcag agggccagag 1020
241 gaggacccc ctgcttccac tcttgggccc tcttttctca gatagactga ctgctgagga 1080
242 ggtcttaggt tcttggatt ctttgtgtc catcagagac cccagcctgg ggaacacgt 1140
243 gcccgcactg cccagagagc agtgcaaac ccacacacg agcgtgttcc ttgagaggaa 1200
244 tttcccagag ttgacaagg aggtgttcc tgcacatcag ctcatctccc gaccccatt 1260
245 tcttcttga ttgcttgtt gggggcctgg ccacttctt gcttctcaag ctgacaattc 1320
246 tcaacttga ataaatagtc cagtgttcc tccc 1354

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249 <210> SEQ ID NO: 9

250 <211> LENGTH: 681

251 <212> TYPE: DNA

252 <213> ORGANISM: Homo sapiens

W--> 254 <220> FEATURE: -

255 <223> OTHER INFORMATION: 2777115

257 <400> SEQUENCE: 9

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260 atcagtactt agtctacaga cctatgtggg tgcctctatc ctctgtctt tttctctt 180
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263 gcataggggg caagctcttg gggcatcagg acctggagc accaggtct tcttggaa 360
264 ttatgtccac ctgagcacc ggtctctct aagtctcac tggggaattc ggtcccact 420
265 ggggcaccag ttcccacctc gagactgtg tctgcccctc gaggacaaag acctgtct 480
266 cccagacttc tctctgactg cagccaggca tagtaccctt gctgtgttt gctccctgt 540
267 ccaagattt ggtgctggg caggtgctg gacagtgat aggtcttgc gcttaactg 600
268 tccccccag tcacttctc cccaggccca gcaggacgca gtctgagga tcagggatc 660
269 taaagctgca ttaaaatcaa c 681

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272 <210> SEQ ID NO: 10

273 <211> LENGTH: 287

274 <212> TYPE: DNA

275 <213> ORGANISM: Homo sapiens

277 <220> FEATURE:

278 <221> NAME/KEY: unsure

279 <222> LOCATION: 182, 186

280 <223> OTHER INFORMATION: a or g or c or t, unknown, or other

W--> 282 <220> FEATURE: -

283 <223> OTHER INFORMATION: 3664676CBL

285 <400> SEQUENCE: 10

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286 gcagggttcc agcagacgca gcactggact cgtccagagg gcggcggtg agcggctgg 60
287 gccccttgga gccaccatgg accccgcagg cagcagacc ctcatgctt cccaactct 120
288 tgactcactt gaggctgcag gacagatcag agatgcagct gcagagcgaa gccgacagg 180

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W--> 289 gnactncccg ggcacttgga ccaggtaacg gcggcgtggc agcgtgccct aggtggggac 240

VERIFICATION SUMMARY

DATE: 06/12/2001

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Input Set : A:\PB0008-1CIPSEQLST.txt

Output Set: N:\CRF3\06122001\I864711.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:23 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:67 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:94 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:120 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:160 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:179 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:198 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:220 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:254 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:282 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:298 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:317 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:343 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:373 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:462 M:256 W: Invalid Numeric Header Field, <220> has non-blank data